5	inside each of the discharge spaces, plural pairs of display electrodes covered by	a
7	lielectric layer being provided,	

the plasma display panel performing displaying by the following steps: 1) writing by an accumulation of electric charge in the dielectric layer, 2) applying a predetermined sustaining voltage between the pairs of display electrodes, 3) glow-discharging in selected discharge spaces in which the electric charge has been accumulated in the dielectric layer, and 4) converting ultraviolet light resulting from the glow-discharge into visible light by means of the phosphor layer,

wherein the dielectric layer is made by laminating at least two different dielectric materials,

and wherein a panel structure is set such that an equivalent electric field strength of 37V/cm • Pa or more is generated in the selected discharge spaces, when the predetermined sustaining voltage is applied.

3. (Amended) An alternating current type surface-discharge plasma display panel comprising a facing pair of substrates and a plurality of ribs interposed between the substrates so as to form a plurality of spaces,

the plurality of spaces being provided with a phosphor layer and filled with discharge gas, so as to form a plurality of discharge spaces,

inside each of the discharge spaces, plural pairs of display electrodes covered by a dielectric layer being provided,

the plasma display panel performing displaying by the following steps: 1) writing by an accumulation of electric charge in the dielectric layer, 2) applying a predetermined sustaining

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voltage between the pairs of display electrodes, 3) glow-discharging in selected discharge spaces 10 in which the electric charge has been accumulated in the dielectric layer, and 4) converting 11 ultraviolet light resulting from the glow-discharge into visible light by means of the phosphor 12 13 layer, wherein an amount of xenon contained in the discharge gas and filling pressure of the 14 discharge gas, a gap between the display electrodes, and a thickness and a permittivity of the dielectric layer are set so that an equivalent electric field strength of 37V/cm • Pa or more is generated in the selected discharge spaces, when the predetermined sustaining voltage is applied. 也 OŪ 7. (Amended) The plasma display panel of Claim 6,

- wherein the constant of the dielectric layer is 6 or more and less than 9.
- (Amended) The plasma display panel of Claim 3, wherein the distance between the pairs of display electrodes is in a range of 20  $\mu m$  to 90 µm inclusive, where the display electrodes are facing the discharge spaces.
- (Amended) An alternating current type surface-discharge plasma display panel 10. comprising a first plate and a second plate disposed parallel to each other, with a plurality of ribs interposed between the two plates so as to form a plurality of spaces,
- the first plate having, on an inner surface, plural pairs of display electrodes covered by a dielectric layer,
- the second plate having, on an inner surface, a plurality of address electrodes, 6
- the first plate and the second plate being disposed in such a manner that the display 7
- 8 electrodes cross over the address electrodes,

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	each of the plurality of ribs being interposed between adjacent address electrodes, and
	each of the plurality of spaces being provided with a phosphor layer and filled with
discha	rge gas, so as to form discharge spaces,

the plasma display panel performing displaying the following steps: 1) accumulating electric charge in the dielectric layer by performing writing-discharge between the display electrodes and the address electrodes, 2) applying a predetermined sustaining voltage between the pairs of display electrodes, 3) glow-discharging in selected discharge spaces in which the electric charge has been accumulated in the dielectric layer, and 4) converting ultraviolet light resulting from the glow-discharge into visible light by means of the phosphor layer,

wherein a panel structure is set such that an equivalent electric field strength of 37V/cm • Pa or more is generated in the selected discharge spaces, when the predetermined sustaining voltage is applied.

11. (Amended) An alternating current type surface-discharge plasma display panel comprising a first plate and a second plate disposed parallel to each other, with a plurality of ribs interposed between the two plates so as to form a plurality of spaces,

the first plate having, on an inner surface, plural pairs of display electrodes covered by a dielectric layer,

the second plate having, on an inner surface, a plurality of address electrodes,

the first plate and the second plate being disposed in such a manner that the display electrodes cross over the address electrodes,

each of the plurality of ribs being interposed between adjacent address electrodes, and

	10	each of the plurality of spaces being provided with a phosphor layer and filled with
	11	discharge gas, so as to form discharge spaces,
	12	the plasma display panel performing displaying by the following steps: 1) accumulating
	13	electric charge in the dielectric layer by performing writing-discharge between the display
	14	electrodes and the address electrodes, 2) applying a predetermined sustaining voltage between
	15	the pairs of display electrodes, 3) glow-discharging in selected discharge spaces in which the
	16	electric charge has been accumulated in the dielectric layer, and 4) converting ultraviolet light
	固	resulting from the glow-discharge into visible light by means of the phosphor layer,
	18 m	wherein an amount of xenon contained in the discharge gas and filling pressure of the
	16	discharge gas, a gap between the display electrodes, and the thickness and a permittivity of the
<b>U</b> -7	10806754	dielectric layer are set so that an equivalent electric field strength of 37V/cm ● Pa or more is
مهر	<b>3</b> 21	generated in the selected discharge spaces, when the predetermined sustaining voltage is
	[] 22 []	applied.
	- (1) - (1)	
9	Ý	15. (Amended) The plasma display panel of Claim 6 [14],
	2	wherein the constant of the dielectric layer is 6 or more and less than 9.
	1	17. (Amended) The plasma display panel of Claim 11,
_	^	17. (Administration of Claim 11,
Q	92	wherein the distance between the pair of display electrodes is in a range of 20 $\mu m$ to
	3	90 μm inclusive, where the display electrodes are facing the discharge spaces.
	1	26. (Amended) A display unit comprising the alternating current type surface-
	2	discharge plasma display panel of Claim 1, and a driving circuit for applying voltage to every
al		discharge plasma display panel of Claim 1, and a driving chedit for applying voltage to every

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electrode included in the plasma display panel.

90 µm inclusive, where the display electrodes are facing the discharge spaces.

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l	33	(New) The plasma display panel of Claim 14,
2	wherei	n the distance between the pair of display electrodes is in a range of 20 $\mu m$ to

- 3 90 μm inclusive, where the display electrodes are facing the discharge spaces.
- 34. (New) The plasma display panel of Claim 15,
   wherein the distance between the pair of display electrodes is in a range of 20 μm to
   90 μm inclusive, where the display electrodes are facing the discharge spaces.
  - 35. (New) The plasma display panel of Claim 11,
     wherein the distance between the pairs of display electrodes is in a range of 20 μm to
     90 μm inclusive, where the display electrodes are facing the discharge spaces.
  - 36. (New) The plasma display panel of Claim 12,
    wherein the distance between the pairs of display electrodes is in a range of 20 μm to
    90 μm inclusive, where the display electrodes are facing the discharge spaces.
  - wherein the distance between the pairs of display electrodes is in a range of 20  $\mu m$  to 90  $\mu m$  inclusive, where the display electrodes are facing the discharge spaces.

(New) The plasma display panel of Claim 13,

38. (New) The plasma display panel of Claim 14,
 wherein the distance between the pairs of display electrodes is in a range of 20 μm to
 90 μm inclusive, where the display electrodes are facing the discharge spaces.

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the dielectric layer is thicker on the bus lines than on the transparent electrodes.

(New) The plasma display panel of Claim 15.

wherein the display electrodes are made by stacking bus lines on transparent electrodes, and

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1	46. (New) The plasma display panel of Claim 23,
2	wherein the dielectric layer is made of:
3	a first layer made of a first dielectric material which covers the whole surface of the display
4	electrodes with a thickness in a range of 3 $\mu m$ to 25 $\mu m$ inclusive; and
5	a second layer made of a second dielectric material which only covers parts of the first layer
6	where there are bus lines underneath.
1	47. (New) A display unit comprising the alternating current type surface-discharge
	plasma display panel of Claim 2, and a driving circuit for applying voltage to each electrode
	included in the plasma display panel.
	48. (New) A display unit comprising the alternating current type surface-discharge
.2 1	plasma display panel of Claim 3, and a driving circuit for applying voltage to each electrode
	included in the plasma display panel.
å	49. (New) A display unit comprising the alternating current type surface-discharge
2	plasma display panel of Claim 10, and a driving circuit for applying voltage to each electrode
3	included in the plasma display panel.
1	50. (New) A display unit comprising the alternating current type surface-discharge

plasma display panel of Claim 11, and a driving circuit for applying voltage to each electrode

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included in the plasma display panel.